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INVESTIGATION OF ERTS/RBV AND MSS IMAGERY FOR
PHOTOMAPPING OF THE UNITED STATES

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Prepared for:

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TECHNICAL REPORT STANDARD TITLE PAGE

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12. Sponsoring Agency Name and Address Fred Gordon (Code 430) Goddard Space Flight Center Greenbelt, Maryland 20771				14. Sponsoring Agency Code	
15. Supplementary Notes					
16. Abstract Mosaics have been completed and the cartographic phases are progressing for several photomaps. It has been determined that NASA-furnished P-3 input satisfies the photographic requirement for this investigation.					
17. Key Words Suggested by Author photomap mosaic cartographic focus				18. Distribution Statement	
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Figure 2A. Technical Report Standard Title Page. This page provides the data elements required by DoD Form DD-1473, HEW Form OE-6000 (ERIC), and similar forms.

TYPE II PROGRESS REPORT

ERTS-I

- a. Title: Investigation of ERTS/RBV and MSS Imagery for Photomapping of the United States

ERTS-A Proposal No: SR 211

- b. GSFC ID No. of P.I.: 1056

- c. Statement and explanation of any problems that are impeding the progress of the investigation:

The out-of-focus condition evident along approximately 20% of trailing edge of ERTS-MSS imagery has apparently been solved. Regenerated imagery requested from NASA has been received and appears to be in focus.

- d. Accomplishments:

The Arizona State Base map mosaic has been completed at 1:500,000 and 1:1,000,000 scales. Photomaps of the above will be ready for reproduction as soon as the cartographic phases are completed.

The Phoenix, Arizona 1:250,000 scale photomap has been gridded and should be ready for reproduction by the end of the next reporting period.

Mosaicking is completed for the Dakotas and Chesapeake Bay 1:1,000,000-scale IMW's. The cartographic phases for these two maps are being planned.

The Washington, D.C. 1:250,000-scale photomosaic is completed. The cartographic phases and gridding should be completed by April.

- e. Discussion of significant scientific results:

Differences in the photographic quality of paper prints generated from n-2 and P-3 input furnished by NASA are insignificant. Therefore, since the procedure used requires a Log-E generated negative to achieve tone-match between adjacent scenes, the NASA-furnished P-3 is used as input.

- f. N/A

- g. N/A

- h. N/A

- i. N/A

- j. N/A